



MAS BULLETIN

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Twin 30 Compact Naval Mount

Background. BREDA Meccanica Bresciana S.p.A, Brescia, Italy, has developed and is marketing the Twin 30 mm Compact Naval Mount.

Description. The Twin 30 mm Breda-Mausser Mount is available in three versions: Type A (2000-round magazine), Type B (1000-round magazine), and Type C (500-round magazine). Types A and B can be installed entirely above deck with magazine below deck or with the magazine above deck (see Figure 1). Below deck installations satisfy the most stringent operational requirements since during weapon loading and magazine maintenance, loaders and maintenance personnel work in a protected area. Type C with its no-deck penetration requirement, is particularly suitable for small ships that do not have below deck capability. Because of its compactness, low weight, readiness for operation, complete remote control, and minimal maintenance requirement, the Twin 30-mm Breda-Mausser can be installed in ships ranging from major combatants, where space for secondary armament is restricted, down to very small craft. Capability of linkage with a simplified Fire Control System enables installation of a high performance weapon system in ships not normally associated with sophisticated gun control.

Mount Characteristics

Caliber	30 mm
Barrel length	2458 mm
Feed mechanism	fully automatic
Muzzle velocity	1040 m/sec
Rate of fire	1600 rounds/min
Training velocity	130 degrees/sec
Training acceleration	250 degrees/sec ²
Elevation velocity	75 degrees/sec
Elevation acceleration	250 degrees/sec ²

For further information contact Breda Meccanica Bresciana S.p.A., 2 Via Lunga-25128 Brescia, Italy. Telephone 030/31911, Telex 300056 BREDAR I.

ONREUR point of contact: CDR R. H. Taylor, USN, Undersea Systems Officer.

Distribution:
Standard
Surface Ship
Ordnance

Three versions (A, B, C) and five types of installations

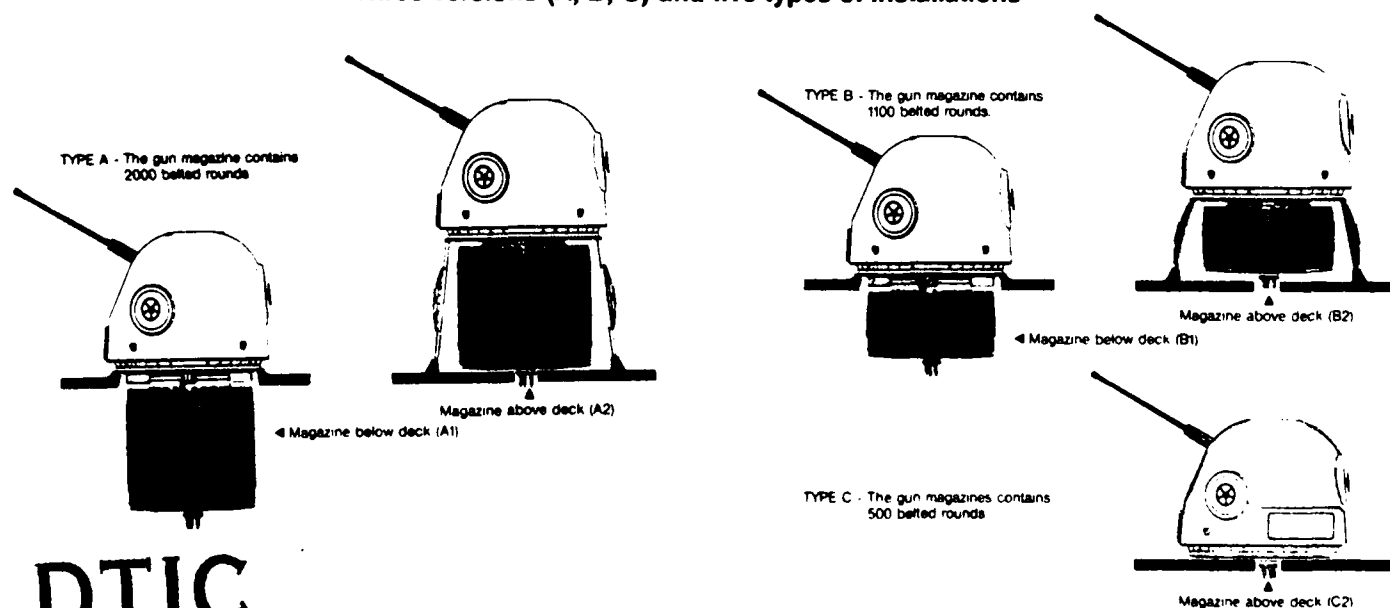


Figure 1. Flexibility of onboard installation.

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